

Case 2765

***Phyllodoce* Lamarck, 1818 and *Polyodontes* de Blainville, 1828
(Annelida, Polychaeta): proposed conservation**

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Abstract. The purpose of this application is to conserve *Phyllodoce* Lamarck, 1818 as the name for a genus of marine polychaetes. It is threatened by the unused senior homonym *Phyllodoce* Ranzani, 1817, which is also a senior objective synonym of *Polyodontes* de Blainville, 1828.

1. Ranzani (1817a, p. 109) established a genus *Phyllodoce* for the single species *Phyllodoce maxillosa*, which belongs to the ACOETIDAE Kinberg, 1858 (previously known as POLYODONTIDAE Augener, 1918). A description of this genus and species was published also by Ranzani (1817b, p. 1456), where he mentioned the previous paper.

2. For a different polychaete, Lamarck (1818, p. 316) established the genus *Phyllodoce* with the single species *Phyllodoce laminosa*. Lamarck referred the authorship to 'Sav. Mss.', presumably indicating Savigny's manuscript of *Description de l'Egypte*, and subsequent workers have generally referred the authorship to Savigny, although no consensus on the year of publication was reached. However, the relevant pages (pp. 13, 28, 42, 43, 45) were not published until 1822 (see Opinion 1461, BZN 44: 220) so Lamarck (1818) is the author. Although Lamarck's description is very brief, there are no doubts as to the identity of his species.

3. *Phyllodoce* Lamarck, 1818 presently encompasses between 100 and 200 nominal species (depending on how the genus is demarcated; see, for example, Pleijel, 1991, in press; Ushakov, 1972, p. 124 and Fauchald, 1977, p. 50). Örsted (1843, p. 25) erected the family-group name PHYLLODOCIDAE (as 'Div. Phyllodoceae') based on *Phyllodoce* Lamarck, 1818 (but referred by Örsted to Savigny). Both the generic and family names are threatened by the senior homonym *Phyllodoce* Ranzani, 1817.

4. De Blainville (1828, p. 461) cited *Polyodontes*, a name derived from a manuscript by Renieri, in the synonymy of *Phyllodoce maxillosa* Ranzani. This has been consistently used since and is available under Article 11e of the Code, with de Blainville as author (see, for example, Fauvel, 1923, p. 96 and Pettibone, 1989, p. 98). A list of nine further references has been given to the Commission Secretariat.

5. Since de Blainville (1828) the generic name *Phyllodoce* Ranzani, 1817 does not appear to have been used as a valid name. This is probably due to uncertainties concerning the date of publication of Ranzani's and Savigny's works, and Ranzani's name has generally been regarded as a junior rather than a senior homonym. Ranzani's description is fairly detailed and there is a risk that his name may be revived. Since this senior homonym is unused strict application of priority would cause undue confusion and instability of nomenclature. It is desirable to retain the commonly used

names *Phyllodoce* Lamarck, 1818, PHYLLODOCIDAE Örsted, 1843 and *Polyodontes* de Blainville, 1828, and to suppress *Phyllodoce* Ranzani, 1817.

6. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary powers to suppress the generic name *Phyllodoce* Ranzani, 1817, and all uses of the name *Phyllodoce* before the publication of *Phyllodoce* Lamarck, 1818, for the purposes of both the Principle of Priority and the Principle of Homonymy;
- (2) to place on the Official List of Generic Names in Zoology the following names:
 - (a) *Phyllodoce* Lamarck, 1818 (gender: feminine), type species by monotypy *Phyllodoce laminosa* Lamarck, 1818;
 - (b) *Polyodontes* de Blainville, 1828 (gender: masculine), type species by monotypy *Phyllodoce maxillosa* Ranzani, 1817;
- (3) to place on the Official List of Specific Names in Zoology the following names:
 - (a) *laminosa* Lamarck, 1818, as published in the binomen *Phyllodoce laminosa* (specific name of the type species of *Phyllodoce* Lamarck, 1818);
 - (b) *maxillosa* Ranzani, 1817, as published in the binomen *Phyllodoce maxillosa* (specific name of the type species of *Polyodontes* de Blainville, 1828);
- (4) to place on the Official List of Family-Group Names in Zoology the name PHYLLODOCIDAE Örsted, 1843 (type genus *Phyllodoce* Lamarck, 1818);
- (5) to place on the Official Index of Rejected and Invalid Generic Names in Zoology the name *Phyllodoce* Ranzani, 1817, as suppressed in (1) above.

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